

# Converting Colors

Hex(5E8B87)

Have a look what the booklet for  
Hex(5E8B87) contains.

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# Color

Hex(5E8B87)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8B87
RGB	94, 139, 135
RGB Percent	37%, 55%, 53%
CMY	0.6314, 0.4549, 0.4706
CMYK	0.32, 0.00, 0.03, 0.45
HSL	175°, 19%, 46%
HSV	175°, 32%, 55%
XYZ	18.2219, 22.5942, 26.3224
YIQ	125.0890, -25.5360, -10.7840

# Conversions

## Conversions Part 2

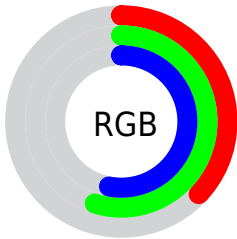
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 118, 139
Decimal	6196103
CIE <sub>Lab</sub>	54.65, -16.23, -2.78
CIE <sub>LCh</sub>	55, 16.463, 189.711
Yxy	22.5942, 0.2714, 0.3365
Android (android.graphics.Color)	4284386183 (0xFF5E8B87)
YUV	125.0890, 4.8861, -27.2651
Hunter-Lab	47.5333, -14.7555, 0.4405

# Details

The Hex color **5E8B87** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B5E62**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **92C1BC**, and **2D5955** is the 20% darker color. If you saturate the color by 10%, you get **508B86**, and if you desaturate by 10%, it is **6C8B88**.

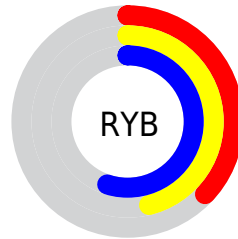
# Distribution



Red (37%)

Green (55%)

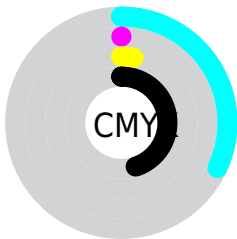
Blue (53%)



Red (37%)

Yellow (46%)

Blue (55%)

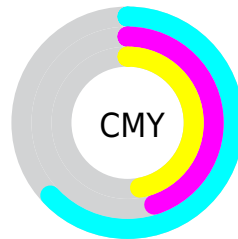


Cyan (32%)

Magenta (0%)

Yellow (3%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8B87 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5E8B87 by changing the saturation by 10% instead.





5E8B87



5E8B87

FFFFFF



45716E



92C1BC



2D5955



ADDD8



13413E



C9F9F4



002B28



E5FFFF



001814



000000



5E8B87



5E8B87



508B86



6C8B88



428B85



7A8B89

■ 348B83

■ 888B8B

■ 268B82

■ 968B8C

■ 198B81

■ A48B8D

■ 0B8B80

■ B18B8E

■ 008B7F

■ BF8B90

■ CD8B91

■ DB8B92

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



698A78



5E8B87



5C8A94

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5E8B87



8B7E99



967F68

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5E8B87



8B5E62

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9F7B71



5E8B87



997A8D

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5E8B87



78829F



A0797F



898367

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5E8B87



62889B



A0797F



9A7D6B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5E8B87



A3B5B3



638B5E



515C5B



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5E8B87



6EB5AF



5E798B



3E4544



008579



000505



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8B5E62



B56E75



8B705E



453E3F



85000C



050000



# Previews

## White Background



This preview shows how the Hex color 5E8B87 looks on a white background.

## Color Contrast Check

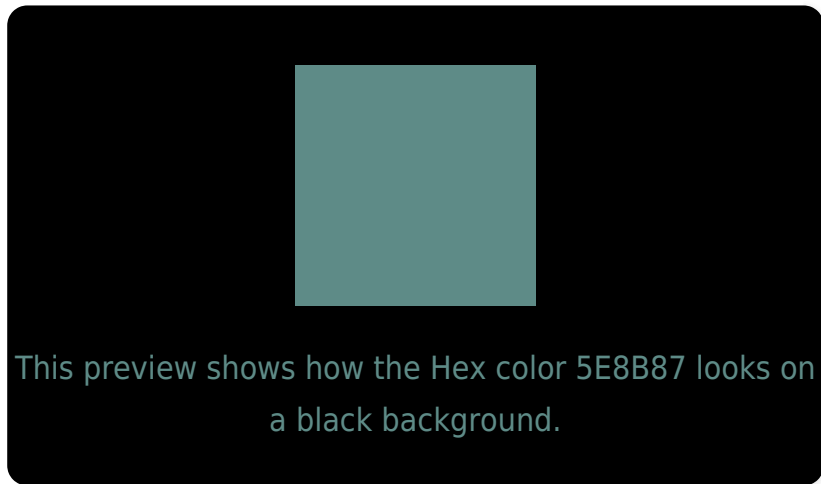
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

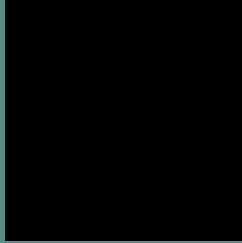
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E8B87 Background



This preview shows how black text looks on a background with the Hex color 5E8B87.

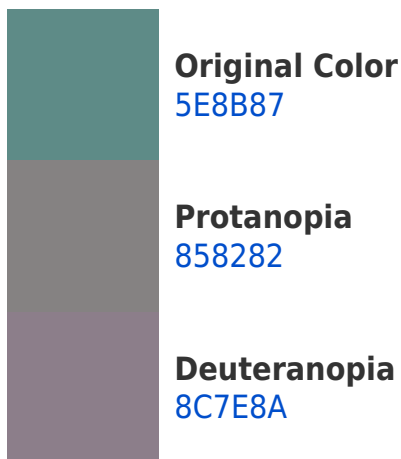


This preview shows how white text looks on a background with the Hex color 5E8B87.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

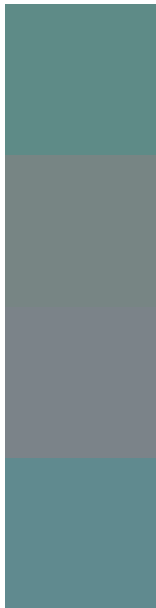
## Dichromacy





**Tritanopia**  
618994

# Trichromacy



**Original Color**  
5E8B87

**Protanomaly**  
778584

**Deuteranomaly**  
7B8389

**Tritanomaly**  
608A8F

# Monochromacy



**Original Color**  
5E8B87

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
728281

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8B87 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5E8B87 looks like.

```
.text, #text, p{  
    color:#5E8B87  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5E8B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8B87
}
```

## Border

The CSS property to change the border of an element to Hex 5E8B87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E8B87 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5E8B87 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5E8B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8B87; -webkit-box-shadow:4px 4px  
4px 4px #5E8B87; box-shadow:4px 4px 4px  
4px #5E8B87 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8B87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8B87 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5E8B87 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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